

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

As rescanning documents *will not* correct images,  
please do not report the images to the  
**Image Problem Mailbox.**

Application No.: 09/858,477

Docket No.: H6810.0021/P021

AMENDMENTS TO CLAIMS

1. (Currently amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing ~~which substances~~ that comprise said chemical materials, wherein said substances include controlled substances, and wherein at least some of said controlled substances are in the same group with respect to reporting requirements;

providing a second data set containing ~~which of said controlled substances are to be controlled, and wherein said controlled substances of the same group with respect to reporting requirements being~~ are categorized by a common group control number ID;

providing a third data set containing ~~a ratio~~ ratios of discharge of ~~for~~ said controlled substances in a process;

~~analyzing a preset amount of said materials in said process and determining a first quantity of said controlled substances utilizing said first and second data set sets;~~

~~determining an emissions quantity of said controlled substances utilizing said ratio ratios and said first quantity of said controlled substances; and wherein said group control number is the same for said substances in the same group.~~

2. (Currently amended) The method of claim 1 wherein said second data set further contains information ~~whether about said controlled substance substances is a specified compound.~~

3. (Original) The method of claim 1 wherein said second data set further contains a control object code for designating the source of the control.

Application No.: 09/858,477

Docket No.: H6810.0021/P021

4. (Original) The method of claim 1 wherein said process is a chemical reaction.

5. (Original) The method of claim 1 further comprising the step of providing a fourth data set containing handling precautions, hazards and legal regulations for said materials.

6. (Original) The method of claim 1 wherein said data sets are provided by an outsourcing company.

7. (Currently amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing ~~which substances~~ that comprise said chemical materials, wherein said substances include controlled substances, and wherein at least some of said controlled substances are in the same group;

providing a second data set containing ~~which of said controlled substances are to be controlled, and wherein said controlled substances of the same group with respect to governmental reporting requirements being~~ are categorized by a group control number ID;

providing a third data set containing a ratio of discharge of at least one of said controlled substances in a process;

providing a fourth data set containing handling precautions, hazards and legal regulations for said materials;

~~analyzing a preset amount of said materials in said process and determining a first quantity of said controlled substances utilizing said first and second data sets;~~

Application No.: 09/858,477

Docket No.: H6810.0021/P021

determining an emissions quantity of said controlled substances utilizing said ratio and said first quantity of said controlled substances; and wherein ~~said group control number is the same for said substances in the same group.~~

8. (Currently amended) The method of claim 7 wherein said second data set further contains information ~~whether about~~ said substance is a specified compound.

9. (Original) The method of claim 7 wherein said second data set further contains a control object code for designating the source of the control.

10. (Original) The method of claim 7 wherein said process is a chemical reaction.

11. (Original) The method of claim 7 wherein said data sets are provided by an outsourcing company.

12. (Currently amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing ~~which substances that~~ comprise said chemical materials, wherein said substances include controlled substances;

providing a second data set containing ~~which of~~ said controlled substances are ~~to be controlled~~, at least some of said controlled substances being categorized by a group control number ID;

providing a third data set containing a ratio ratios of discharge of said controlled substances in a process;

Application No.: 09/858,477

Docket No.: H6810.0021/P021

analyzing a preset amount of said materials in said process and determining a first quantity of said controlled substances utilizing said first and second data sets; and

determining an emissions quantity of said controlled substances utilizing said ~~ratio~~ ratios and said first quantity of said controlled substances.

13. (Currently amended) The method of claim 12 wherein said group control number ID is the same for said controlled substances in the same group.

14. (Currently amended) The method of claim 12 wherein said second data set further contains information ~~whether~~ about said substance is a specified compound.

15. (Original) The method of claim 12 wherein said second data set further contains a control object code for designating the source of the control.

16. (Original) The method of claim 12 wherein said process is a chemical reaction.

17. (Original) The method of claim 12 further comprising the step of providing a fourth data set containing handling precautions, hazards and legal regulations for said materials.

18. (Original) The method of claim 12 wherein said data sets are provided by an outsourcing company.

19-38. (Cancelled)

Application No.: 09/858,477

Docket No.: H6810.0021/P021

39. (Currently amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing substances which comprise said materials, wherein said materials include legally controlled substances, at least some of which belong to the same group for purposes of governmental reporting requirements;

providing a second data set containing said legally controlled substances, and wherein a substance which is not legally controlled but belongs to one of said legally controlled substances is grouped grouping said at least some of said legally controlled substances, that belong to the same group, to one of said legally controlled substances by a group control number ID;

providing a third data set containing a ratio of discharge of at least one of said controlled substances in a process;

analyzing a preset amount of said materials in said process and determining a first quantity of said controlled substances utilizing said first and second data set sets;

determining an emissions quantity of said controlled substances utilizing said ratio and first quantity of said controlled substances; and

wherein said group control number ID is the same for said substances in the same group.

40. (Currently amended) A method for management of chemical materials comprising the steps of:

providing a first data set containing which substances that comprise said chemical materials, wherein said substances include controlled substances, and wherein at least some of said controlled substances are in the same group;

providing a second data set containing which of said controlled substances are to be controlled, and wherein said controlled substances of the same group being are categorized by a group control ID;

Application No.: 09/858,477

Docket No.: H6810.0021/P021

providing a third data set containing a ratio of discharge of at least one of said controlled substances in a process;

~~analyzing a preset amount of said materials in said process and determining a~~ first quantity of said controlled substances utilizing said first and second data set sets;

determining an emissions quantity of said controlled substances utilizing said ratio and said first quantity of said controlled substances; and

wherein said group control ID is the same for said controlled substances in the same group.